## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref#       | Hits | Search Query   | DBs                | Default<br>Operator | Plurals     | Time Stamp          |
|------------|------|--|--------------------|---------------------|-------------|---------------------|
| L10        | 58   | wavelength damp\$4   | US-PGPUB;<br>USPAT | NEAR                | ON          | 2009/07/17<br>11:49 |
| L19        | 3678 | gradient wavelength\$2   | US-PGPUB;<br>USPAT | WITH                | ON          | 2009/07/17<br>12:31 |
| L20        | 157  | gradient wavelength\$2   | US-PGPUB;<br>USPAT | NEAR                | ON          | 2009/07/17<br>12:31 |
| L21        | 919  | gradient damp\$4   | US-PGPUB;<br>USPAT | WITH                | ON          | 2009/07/17<br>12:31 |
| L23        | 61   | gradient damp\$4   | US-PGPUB;<br>USPAT | NEAR                | ON          | 2009/07/17<br>12:32 |
| L26        | 13   | gradient damp\$4 same<br>wavelength\$2   | US-PGPUB;<br>USPAT | WITH                | ON          | 2009/07/17<br>12:32 |
| S4         | 52   | (memory adj access adj<br>table)   | US-PGPUB;<br>USPAT | OR                  | ON          | 2007/10/23<br>12:41 |
| <b>S</b> 5 | 52   | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) ortable or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processing or entity) and \$4 | US-PGPUB;<br>USPAT | OR                  | 0<br>0      | 2007/10/23          |
| S6         | 52   | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or   | US-PGPUB;<br>USPAT | OR                  | 0<br>0<br>1 | 2007/10/23<br>12:47 |

|     |     | access or condition or<br>processing or entity) and<br>S4  |                    |    |     |                     |
|-----|-----|--|--------------------|----|-----|---------------------|
| S7  | 4   | S6 and transceiver   | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/23<br>12:49 |
| S8  | 40  | (398/22).CCLS.   | USPAT; USOCR       | OR | OFF | 2007/10/23<br>12:51 |
| S9  | 40  | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processing or entity) and \$8  | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/23<br>12:51 |
| S10 | 134 | (398/128).CCLS.  | USPAT; USOCR       | OR | OFF | 2007/10/23<br>12:54 |
| S11 | 301 | (398/135).CCLS.  | USPAT; USOCR       | OR | OFF | 2007/10/23<br>12:54 |
| S12 | 163 | (398/136).CCLS.  | USPAT; USOCR       | OR | OFF | 2007/10/23<br>12:54 |
| S13 | 65  | (398/137).CCLS.  | USPAT; USOCR       | OR | OFF | 2007/10/23<br>12:54 |
| S14 | 299 | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processing or entity) and \$11 | US-PGPUB;<br>USPAT | OR | ON  | 2007/10/23<br>12:55 |

| 82   | 21  | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processor or second or access or condition or processing or entity) and (("20020071164"   "20020181894"   "20020196501"   "4916705"   "5019769"   "5383208"   "5442321"   "5479288"   "5502785"   "5537093"   "5734300"   "5861908"   "55734300"   "5861908"   "5878015"   "6933264"   "69333804"   "6414974"   "6446867"   "6414974"   "6446867"   "6645498"). PN.) | US-PGPUB;<br>USPAT  | OR | ON  | 2007/10/23          |
|------|-----|--|---|----|-----|---------------------|
| S32  | 301 | (398/135).CCLS.  | USPAT; USOCR  | OR | OFF | 2007/10/29<br>13:39 |
| \$36 | 62  | (memory adj access adj<br>table)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/29<br>13:44 |
| S38  | 5   | (memory adj access adj<br>table) and transceiver   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/29<br>13:49 |
| S39  | 2   | (memory adj access adj<br>table) and (optical adj<br>transceiver)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/29<br>13:50 |
| S42  | 302 | (398/135).CCLS.  | USPAT; USOCR  | OR | OFF | 2007/10/30<br>13:21 |

| S43 | 20 | ("20020071164"   "20020149821"   "4916705"   "5019769"   "5383208"   "5442321"   "5479288"   "5502785"   "5537093"   "5734300"   "5861908"   "5878015"   "5933264"   "5956168"   "6020593"   "6130562"   "6333804"   "6400857"   "6414974"   "6862302"). PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/10/30          |
|-----|----|---|---------------------------|----|----|---------------------|
| S44 | 1  | (("20020071164"   "20020149821"   "4916705"   "5019769"   "5383208"   "5442321"   "5479288"   "5502785"   "5537093"   "5734300"   "5861908"   "5878015"   "5933264"   "5956168"   "6020593"   "6130562"   "6333804"   "6400857"   "6414974"   "6862302"). PN.) and (optical adj transceivers)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/10/30<br>13:24 |
| S45 | 17 | ("5502785").URPN.   | USPAT                     | OR | ON | 2007/10/30<br>13:24 |
| S46 | 97 | S42 and (optical adj<br>transceivers)   | USPAT                     | OR | ON | 2007/10/30<br>13:27 |
| S47 | 97 | S42 and (optical adj<br>transceivers) "."   | USPAT                     | OR | ON | 2007/10/30<br>13:27 |
| S48 | 97 | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processing or entity processor or vlan or lan or trans\$6 or receiv\$3) and S46 | US-PGPUB;<br>USPAT        | OR | ON | 2007/10/30          |
| S53 | 78 | ((pass adj word) or pass<br>\$word) and (optical adj<br>transceivers)   | US-PGPUB;<br>USPAT        | OR | ON | 2007/10/30<br>16:41 |

| S54 | 56   | (Moriwaki-Shohei\$<br>Azekawa-Yoshifumi\$ Chiba-<br>Osamu\$).in.   | US-PGPUB;<br>USPAT        | OR | ON | 2007/10/30<br>16:50 |
|-----|------|--|---------------------------|----|----|---------------------|
| S57 | 5    | ("2005/0089027").URPN.   | USPAT                     | OR | ON | 2007/10/30<br>17:03 |
| S58 | 22   | ("20020152355"   "20030033477"   "20030193776"   "20040143694"   "20040210584"   "20040210584"   "20050005044"   "20050089027"   "20050120170"   "20050182887"   "20050223269"   "20050251588"   "5928367"   "5987566"   "6061752"   "6483107"   "6532547"   "6961813"   "7065661").PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/10/30<br>17:07 |
| S61 | 2022 | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processing or entity processor or vlan or lan or trans\$6 or receiv\$3 or pass \$word or host) and "I18" | US-PGPUB;<br>USPAT        | OR | ON | 2007/10/30<br>17:10 |

| 96<br>2000 | 22      | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processing or entity processor or vlan or lan or trans\$6 or receiv\$3 or pass \$word or host) and \$58 | US-PGPUB;<br>USPAT | OR   | ON  | 2007/10/30<br>17:11 |
|------------|---------|---|--------------------|------|-----|---------------------|
| S109       | 172     | (398/128).OCLS.   | USPAT; USOCR       | OR   | OFF | 2009/06/21<br>17:23 |
| S110       | 417     | (398/135).OCLS.   | USPAT; USOCR       | OR   | OFF | 2009/06/21<br>17:23 |
| S111       | 202     | (398/136).CCLS.   | USPAT; USOCR       | OR   | OFF | 2009/06/21<br>17:23 |
| S112       | 91      | (398/137).CCLS.   | USPAT; USOCR       | OR   | OFF | 2009/06/21<br>17:23 |
| mS113      | 415     | (optical or transceiver or (host adj process\$3) or process\$3 or entity or (system adj memory) or (access or table) or table or access or (access or entr \$3) or access or condition or memory or segment or system or memory or access or per\$segment or basis receiving or request or external or host or processor or request or access external or host or processor or second or access or condition or processing or entity) and \$110   | US-PGPUB;<br>USPAT | OR   | ON  | 2009/06/21<br>17:23 |
| S122       | 1958    | mirror with angle with<br>(bragg\$grat\$4 or filter or<br>brag\$2)  | US-PGPUB;<br>USPAT | OR   | ON  | 2009/06/22<br>07:25 |
| S124       | 2706003 | mirror angle (bragg\$grat\$4<br>or filter or brag\$2)   | US-PGPUB;<br>USPAT | OR   | ON  | 2009/06/22<br>07:25 |
| S127       | 1958    | mirror with angle with<br>(bragg\$grat\$4 or filter or<br>brag\$2)  | US-PGPUB;<br>USPAT | NEAR | ON  | 2009/06/22<br>07:26 |

| S129 | 390  | mirror with angle with (bragg\$grat\$4 or brag\$2)  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:27 |
|------|------|---|--------------------|------|----|---------------------|
| S130 | 276  | mirror with angle with<br>(bragg\$grat\$4 or brag\$2)<br>and @ad <= "20031211"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:27 |
| S131 | 276  | mirror with angle with<br>(bragg\$grat\$4 or brag\$2)<br>and @ad <= "20031211"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:27 |
| S132 | 12   | mirror with angle with (bragg\$grat\$4 or brag\$2) with rotat\$4 and @ad <= "20031211"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:28 |
| S138 | 47   | mem with angle with<br>(bragg\$grat\$4 or filter or<br>brag\$2) and filter\$4   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:37 |
| S146 | 15   | mirror with (angle or rotat<br>\$4) same(brag\$grat\$4 or<br>brag\$2 filter\$4) and @ad<br><= "20031211"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:43 |
| S147 | 2224 | mirror with (angle or rotat<br>\$4) with (brag\$grat\$4 or<br>brag\$2 or filter\$4) and<br>@ad <= "20031211"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:47 |
| S148 | 10   | mirror with (angle or rotat<br>\$4) with (brag\$grat\$4 or<br>brag\$2 or filter\$4) with<br>wdm and @ad <=<br>"20031211"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:47 |
| S149 | 115  | mem with (brag\$filter or brag\$2) and filter\$4  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:51 |
| S150 | 40   | mem with (brag\$filter or brag\$2) and (rotat\$4)   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:51 |
| S151 | 7    | mem with (brag\$filter or<br>brag\$2) same wdm and<br>(rotat\$4)  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:52 |
| S152 | 21   | (mem or mirror\$2) with<br>(brag\$filter or brag\$2)<br>same wdm and (rotat\$4)   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:52 |
| S153 | 22   | (mem or mirror\$2) with<br>(brag\$filter or brag\$2) with<br>wdm  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:52 |
| S155 | 14   | (mem or mirror\$2) with<br>(brag\$filter or brag\$2 grat<br>\$4 or brag filter\$4) with<br>wdm  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:53 |
| S159 | 18   | (mem or mirror\$2) with (brag\$filter or brag\$2 grat \$4 or brag filter\$4) same wdm and (mem or mirror \$2) with (adjust\$4 or angle or rotat\$4 or axis or degree or longtiudinal) | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:57 |

| S160 | 4   | (mem or mirror\$2) with (brag\$filter or brag\$2 grat \$4 or brag filter\$4) same wdm same (mem or mirror \$2) with (adjust\$4 or angle or rotat\$4 or axis or degree or longtiudinal) | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>07:59 |
|------|-----|--|--------------------|------|----|---------------------|
| S161 | 103 | (mem or mirror\$2) with (brag\$filter or brag\$2 grat \$4 or brag filter\$4) same (mem or mirror\$2) with (adjust\$4 or angle or rotat \$4 or axis or degree or longtiudinal)          | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:00 |
| S162 | 28  | (mem or mirror\$2) with (brag\$filter or brag\$2 grat \$4 or brag filter\$4) same (mem or mirror\$2) with (adjust\$4 or angle or rotat \$4 or axis or degree or longtiudinal) and wdm  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:01 |
| S163 | 81  | (mem or mirror\$2) with<br>(rotat\$4 or angle) with<br>wdm   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:20 |
| S166 | 57  | (mem or mirror\$2) with<br>(rotat\$4 or angle) with<br>wdm and (brag\$grat\$4 or<br>brag filter\$4 or filter)  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:21 |
| S168 | 28  | (mem or mirror\$2) with<br>(rotat\$4 or angle) with<br>wdm same filter\$4  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:21 |
| S169 | 28  | (mem or mirror\$2) with<br>(rotat\$4 or angle) with<br>wdm same (filter\$4 or<br>Bragg filter)   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:22 |
| S170 | 29  | (mem or mirror\$2) with<br>(rotat\$4 or angle) with<br>wdm same (filter\$4 or<br>Bragg filter\$4 or bragg)   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:22 |
| S171 | 30  | (Rapp-Lutz\$).in.  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:23 |
| S172 | 1   | (mem or mirror\$2) with<br>(rotat\$4 or angle) with<br>wdm same (filter\$4 or<br>Bragg filter\$4 or bragg)<br>and S171   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/06/22<br>08:23 |
| S173 | 29  | ((mem or mirror\$2) (rotat<br>\$4 or angle) wdm (filter\$4<br>or Bragg filter\$4 or bragg))<br>and S171  | US-PGPUB;<br>USPAT | OR   | ON | 2009/06/22<br>08:23 |
| S183 | 28  | (compensat\$4 raman<br>scattering).clm,ab,ti.  | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:25 |

| S184 | 20   | (compensat\$4 raman<br>scattering).clm,ab,ti. and<br>wdm   | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:26 |
|------|------|--|--------------------|------|----|---------------------|
| S185 | 22   | (compensat\$4 raman<br>scattering).clm,ab,ti. and<br>(wdm or wavelength<br>multiplex\$4)   | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:27 |
| S186 | 13   | (compensat\$4 raman<br>scattering).clm,ab,ti. and<br>(wdm or wavelength<br>multiplex\$4) and (mirror\$3<br>or mem\$1 or reflect\$4)                              | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:27 |
| S187 |      | (compensat\$4 raman scattering).clm,ab,ti. and (wdm or wavelength multiplex\$4) and (mirror\$3 or mem\$1 or reflect\$4) and (grat\$4 or brag\$grat \$4 or bragg) | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:28 |
| S189 | 29   | (compensat\$4 raman scattering)  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:37 |
| S190 | 29   | (compensat\$4 raman<br>scatter\$4)   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:37 |
| S191 | 4    | (compensat\$4 raman<br>scatter\$4) and<br>398/94,43,79,123.ccls.   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:38 |
| S192 | 68   | (raman scatter\$4) and 398/94,43,79,123.ccls.  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:38 |
| S193 | 63   | (raman scatter\$4) and<br>398/94,43,79,123.ccls. and<br>wdm  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:38 |
| S194 | 1    | (raman scatter\$4) and<br>398/94,43,79,123.ccls. and<br>wdm and mem  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:38 |
| S195 | 10   | (raman scatter\$4) and<br>398/94,43,79,123.ccls. and<br>(mirror\$2 or mem\$1 or<br>MicroElectro-Mechanical<br>Systems) and wdm                                   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:39 |
| S198 | 131  | 398/122,123.ccls.  | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:41 |
| S199 | 9    | S198 and (mirror\$2 or mem<br>\$1 or MicroElectro-<br>Mechanical Systems) and<br>wdm   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:42 |
| S200 | 1    | S198 and (brag\$grat\$4 or bragg)  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>16:46 |
| S201 | 45   | 398/123.ccls.  | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:47 |
| S202 | 1001 | wdm with bragg   | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:53 |

| S203 | 20   | wdm with bragg with<br>mirror  | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:53 |
|------|------|--|--------------------|------|----|---------------------|
| S204 | 14   | (raman scatter\$4) and 398/94.ccls.  | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:58 |
| S207 | 147  | (raman scatter\$4) same<br>alignment   | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>16:59 |
| S208 | 29   | (raman scatter\$4) same<br>alignment same (mems or<br>mirror\$2 or mem)              | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:00 |
| S209 | 665  | (raman scatter\$4) same<br>(mems or mirror\$2 or<br>mem)                             | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:05 |
| S210 | 10   | (raman scatter\$4) same<br>(mems or mirror\$2 or<br>mem) with feedback               | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:06 |
| S211 | 111  | (raman scatter\$4) and<br>(mems or mirror\$2 or<br>mem) with feedback                | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:10 |
| S212 | 2    | (raman scatter\$4) and<br>(mems or mem) with<br>feedback                             | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:10 |
| S213 | 18   | (raman scatter\$4) and<br>(mems or mirror\$2 or<br>mem) with feedback control<br>\$4 | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:10 |
| S214 | 30   | (Rapp-Lutz\$).in.  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>17:13 |
| S216 | 3    | (compensat\$4 raman<br>scattering).ti.   | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:17 |
| S217 | 22   | (compensat\$4 raman scattering).clm.   | US-PGPUB;<br>USPAT | WITH | ON | 2009/07/08<br>17:18 |
| S218 | 51   | (raman scattering) and bragg filter\$4   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>17:20 |
| S219 | 36   | (raman scattering) and bragg filter\$4 and mirror\$2                                 | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>17:20 |
| S220 | 168  | (wdm) and bragg filter\$4 and mirror\$2  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>17:29 |
| S221 | 20   | (wdm) and bragg filter\$4<br>and mirror\$2 (adjust\$4 or<br>control\$4)              | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>17:29 |
| S224 | 96   | (wdm) and bragg filter\$4<br>and mes\$1  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>17:41 |
| S228 | 15   | (wdm) bragg mes\$1   | US-PGPUB;<br>USPAT | SAME | ON | 2009/07/08<br>17:42 |
| S229 | 17   | (wdm) bragg mems\$1  | US-PGPUB;<br>USPAT | SAME | ON | 2009/07/08<br>17:46 |
| S233 | 12   | electr\$5 and "5452135"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/08<br>18:44 |
| S240 | 1789 | stimulated Raman<br>scattering   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>17:29 |

| \$243 | 53   | compensat\$4 with scatter<br>\$4 with (wdm or<br>wavelength division<br>multiplex\$\$)   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>17:30 |
|-------|------|--|--------------------|------|----|---------------------|
| \$244 | 36   | compensat\$4 with scatter<br>\$4 with (wdm or<br>wavelength division<br>multiplex\$\$) and \$240   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>17:30 |
| S245  | 1789 | stimulated Raman<br>scattering   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>17:53 |
| S246  | 21   | compensat\$4 with scatter<br>\$4 with (wdm or<br>wavelength division<br>multiplex\$\$) and \$245 and<br>reflect\$5   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>17:53 |
| S247  | 109  | stimulated Raman<br>scattering and mems  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>17:54 |
| S248  | 51   | stimulated Raman<br>scattering and mems and<br>(wdm or wavelength<br>division multiplex\$\$)   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>17:55 |
| S249  | 8    | "10188530"   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>18:21 |
| S250  | 17   | "6829067"  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>18:27 |
| S251  | 3272 | damping and scattering   | US-PGPUB;<br>USPAT | OR   | ON | 2009/07/16<br>22:11 |
| S252  | 21   | damping near1 (mirror or<br>mems or reflect\$4) and<br>scattering  | US-PGPUB;<br>USPAT | OR   | ON | 2009/07/16<br>22:15 |
| S256  | 261  | wavelength NEAR2 damp<br>\$4   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:32 |
| S258  | 113  | wavelength NEAR2 damp<br>\$4 and gradient  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:33 |
| S259  | 49   | wavelength NEAR2 damp<br>\$4 and gradient and scatter<br>\$4   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:33 |
| S260  | 45   | wavelength NEAR2 damp<br>\$4 and gradient and raman<br>scatter\$4  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:34 |
| S261  | 44   | wavelength NEAR2 damp<br>\$4 and gradient and raman<br>scatter\$4 and (Brag\$grat<br>\$4 or bragg or grat\$5)  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:35 |
| S263  | 41   | wavelength NEAR2 damp<br>\$4 and gradient and raman<br>scatter\$4 and (Brag\$grat<br>\$4 or bragg or grat\$5) and<br>(reflect\$4 or mirror\$2 or<br>mems or mes) | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:36 |
| S266  | 18   | wavelength NEAR2 damp<br>\$4 and S251  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:39 |

| S267 | 1789 | stimulated Raman<br>scattering  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:41 |
|------|------|---|--------------------|------|----|---------------------|
| S269 | 301  | (stimulat\$5 Raman scatter<br>\$3).ti,ab,clm.   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:45 |
| S271 | 148  | S269 and (Brag\$grat\$4 or<br>bragg or grat\$5) and<br>(reflect\$4 or mirror\$2 or<br>mems or mes)  | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:50 |
| S272 | 113  | S269 and (Brag\$grat\$4 or<br>bragg or grat\$5) same<br>(reflect\$4 or mirror\$2 or<br>mems or mes) | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:50 |
| S273 | 55   | (wdm or wavelength<br>division multiplex\$4) and<br>\$272   | US-PGPUB;<br>USPAT | NEAR | ON | 2009/07/16<br>22:51 |

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